

1125-97-3161 **Karen Bliss*** (kmb bliss@ncsu.edu), North Carolina State University. *Mathematic Modeling at the Undergraduate Level*

Math modeling has long appeared in the undergraduate curriculum as an upper level course (if it appears there at all), typically for math majors who have already had differential equations. In addition to advocating for incorporating modeling earlier and throughout the major, we discuss reasons why departments should develop a course in modeling as an exciting alternative to fulfill non-majors' math general education requirement. Such a course can make math relevant and interesting, and can even support critical non-math skills. (Received October 03, 2016)